

**Reference Characters for Q00-1017-US1 "Flow Modification for Reducing Track
Misregistration in Hard Disk Drives"**

Ref. No.	Description of Item	Figures
100	conventional disk drive	
110	disk	
120	head	
130	slider assembly	
140	back plate	
160	actuator assembly	
170	spindle	
190	conventional baffle	
210	track	
220	cross track motion	
230	disk inner edge	
240	disk outer edge	
300	Baffle integrated comb disk drive	
310	baffle integrated comb	
320	baffle	
325	Comb base	
330	Comb tip	
340	leading edge	
340A	C-comb leading edge	
340B	V-comb leading edge	
350	trailing edge	
350A	C-comb trailing edge	
350B	V-comb trailing edge	
400	baffle/comb assembly	
410	baffle element	
510	comb to disk spacing	
610	Constant slope circumferential tapered (C-) comb	
620	Variable slope circumferential tapered (V-) comb	
710	comb fixture	
720	fixture integrated comb	
725	fixture to disk spacing	
730	Backplate including integrated fixture	
740	First portion	
750	Second portion	

805	Outer surface (disk)	
810	Depressed contour cover plate	
815D	large D-cover plate portion	
815P	large P-cover plate portion	
820	Depressed region	
850	Protruded contour cover plate	
860	protruded region	
910	conventional cover plate	
920	enclosure attached comb	
930	attachment element	
940	base plate attachment surface	

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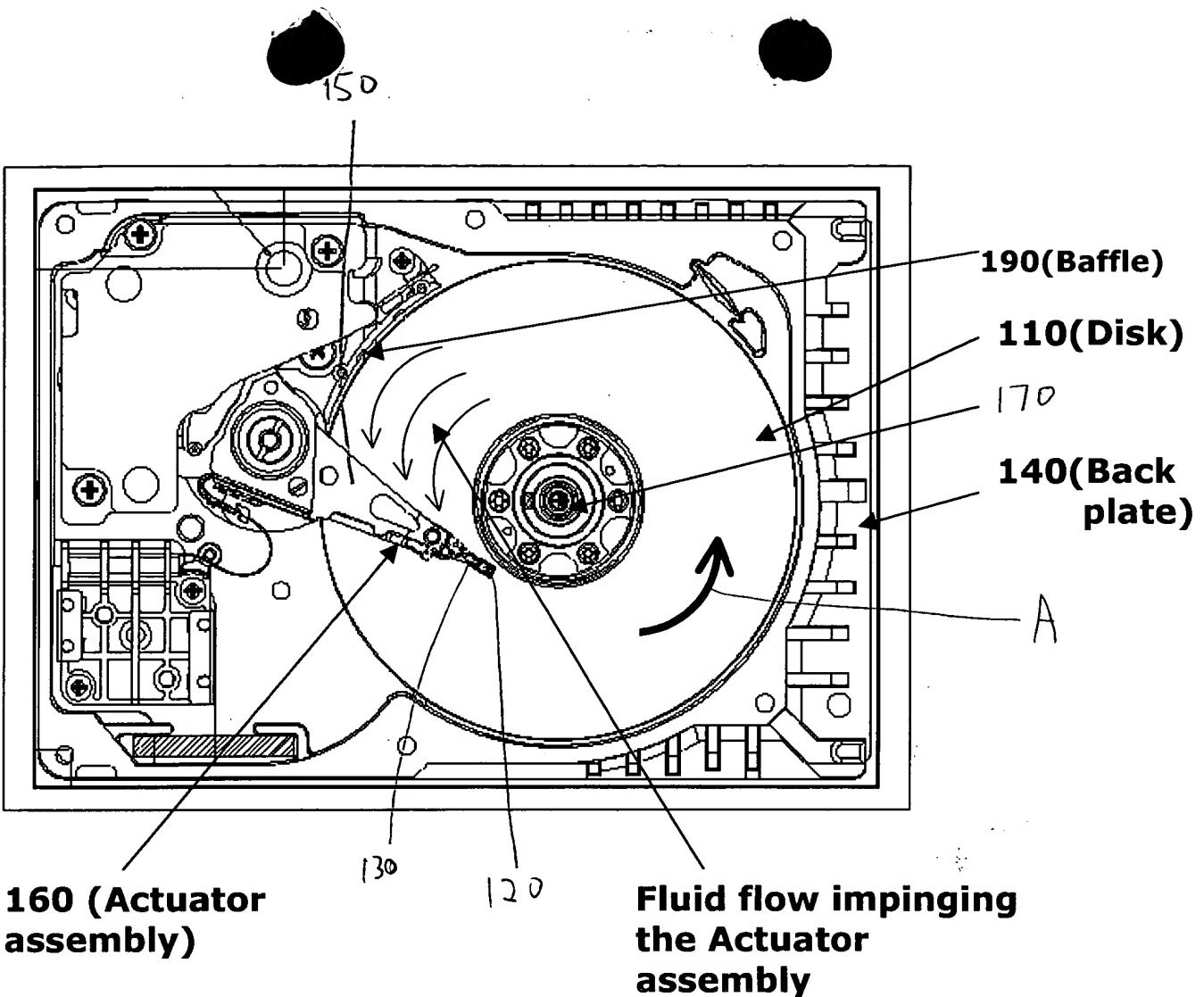
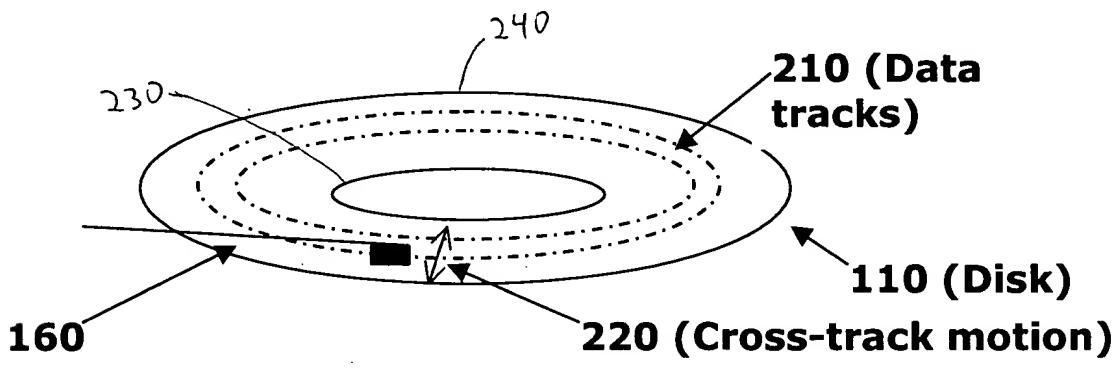


Fig. 1. A schematic drawing of a disk drive and some of the components

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Fig. 2. Cross-track motion causing track mis-registration error (TMR)

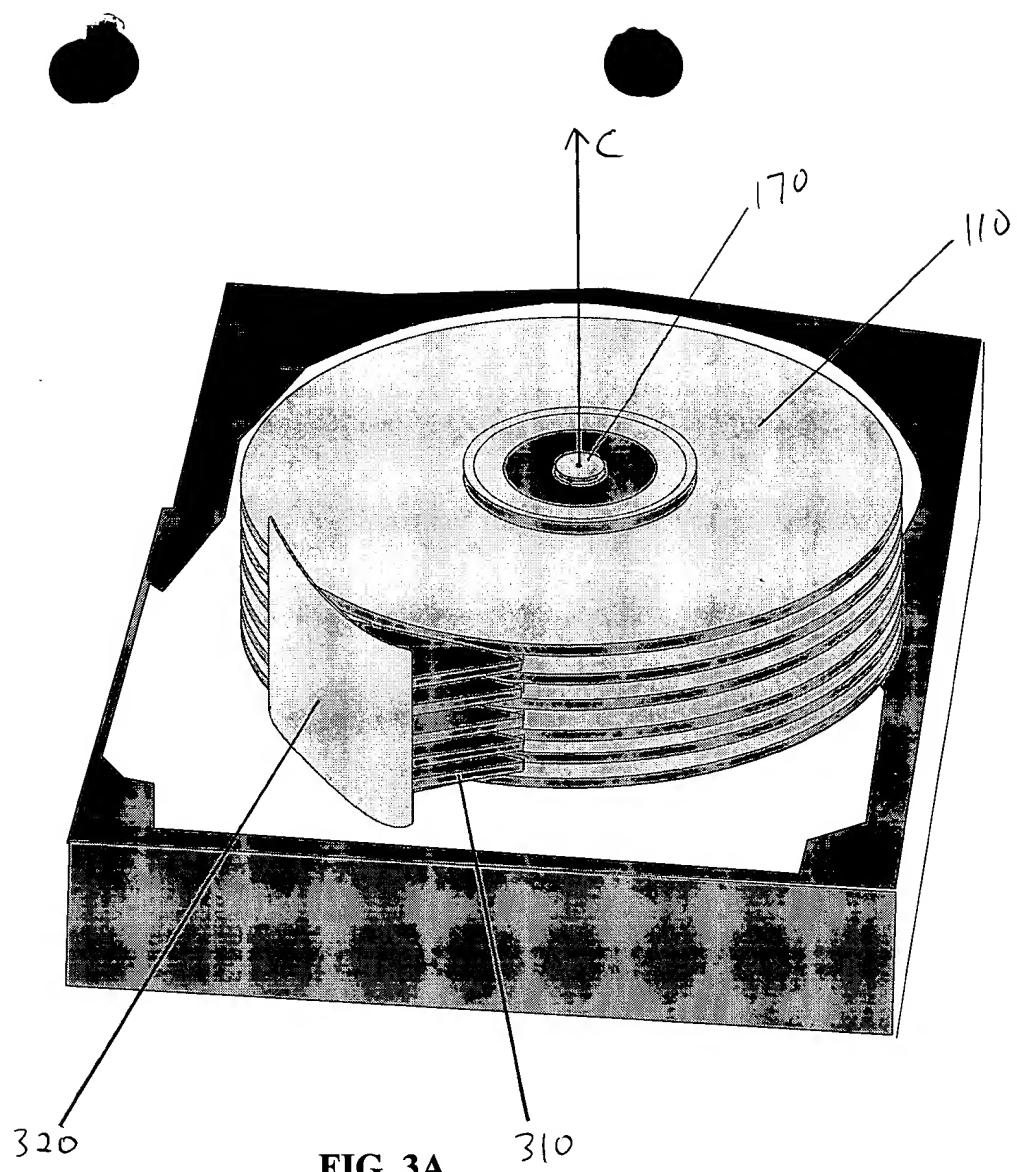


FIG. 3A

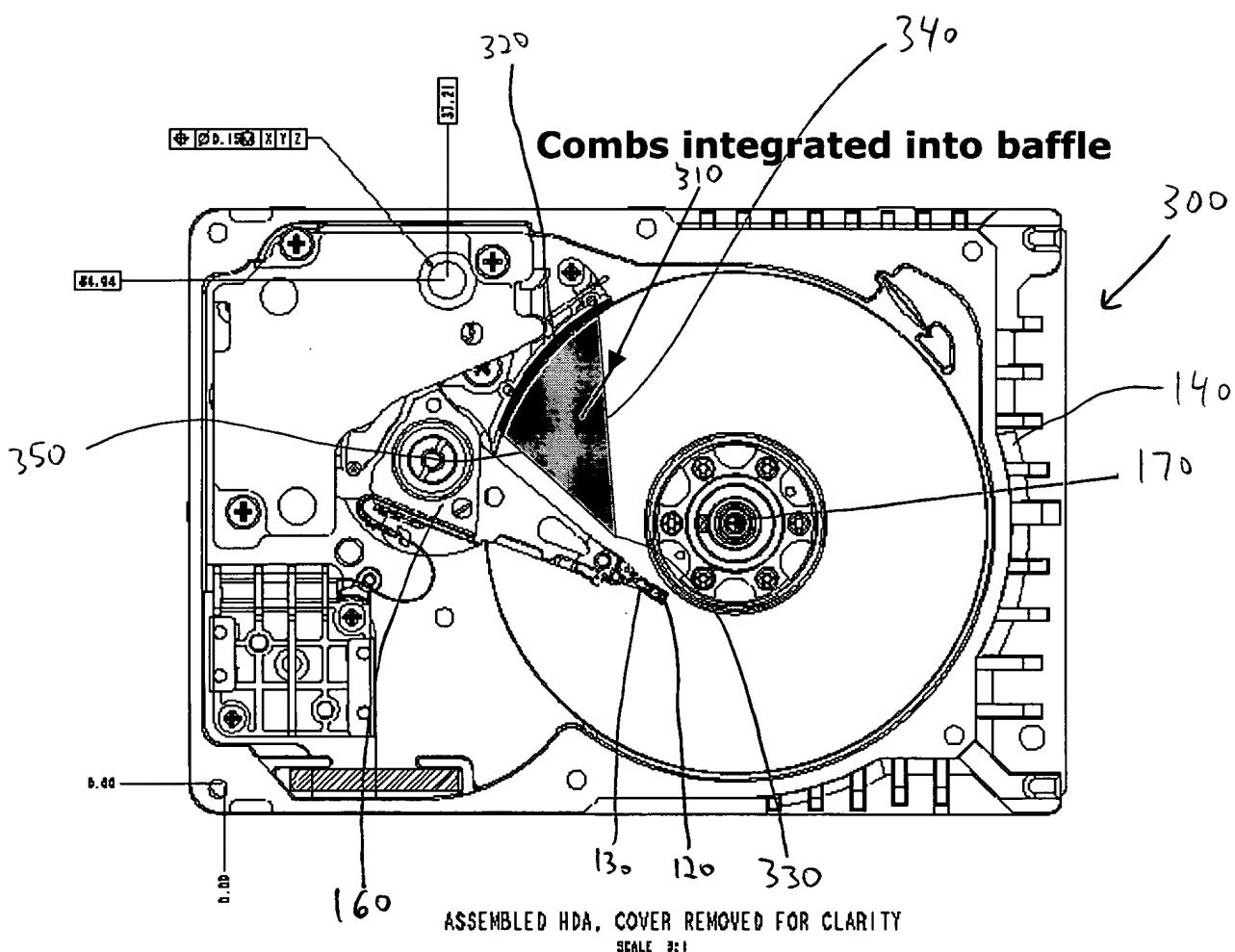


FIG. 3B.

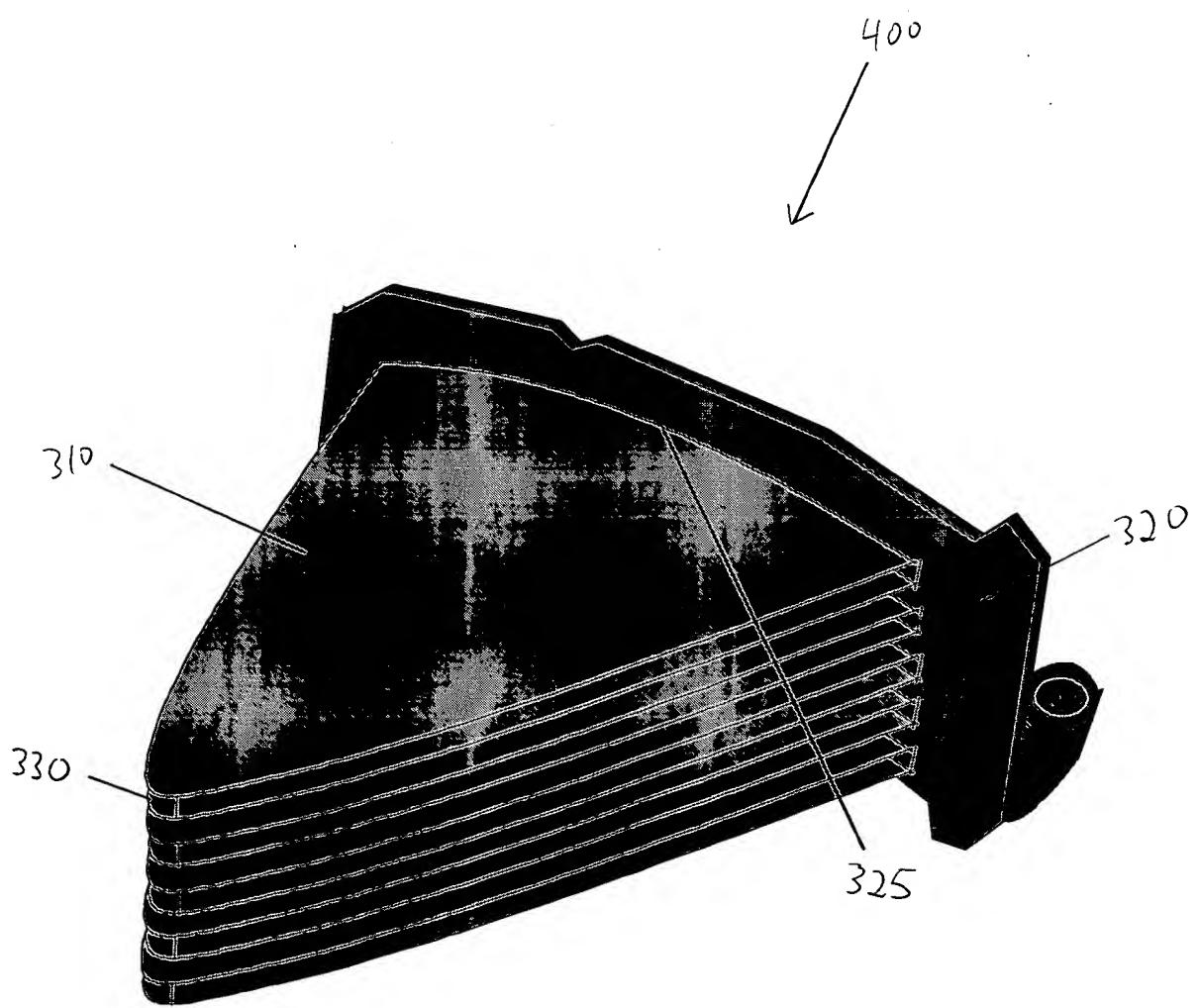


FIG. 4A

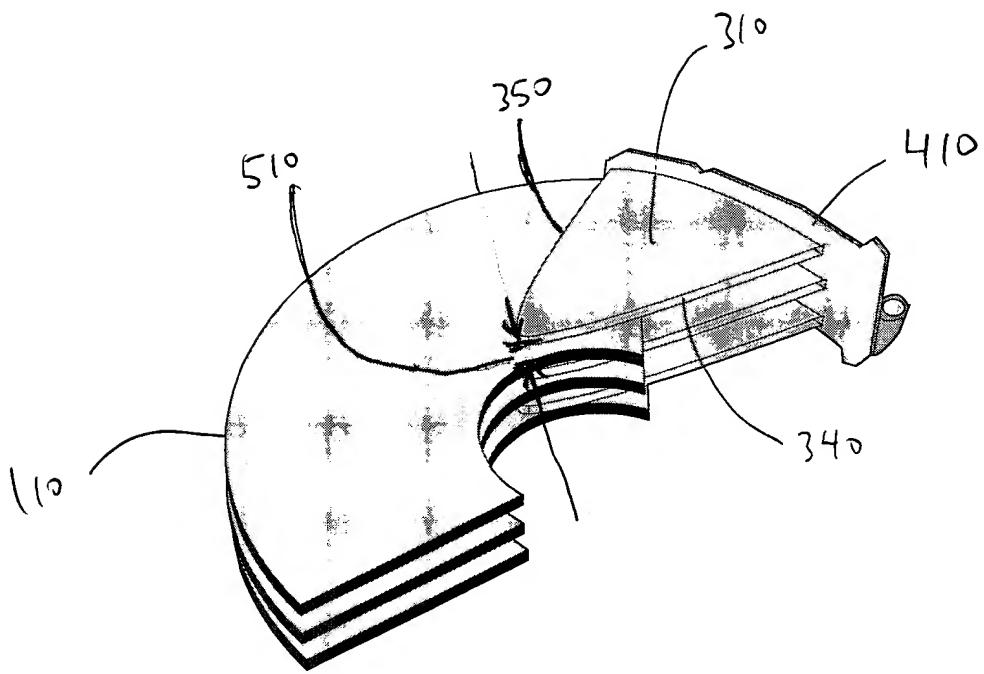


FIG. 5

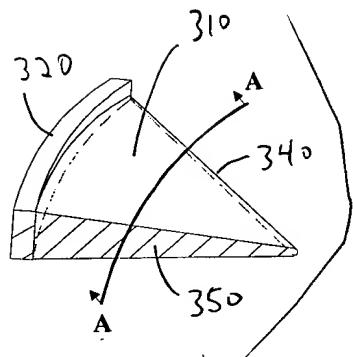


FIG. 6A

SECTION AA

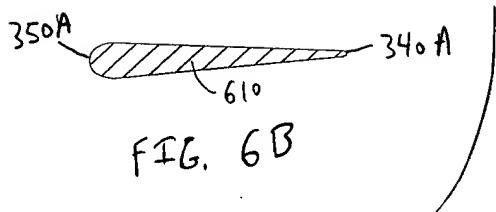


FIG. 6B

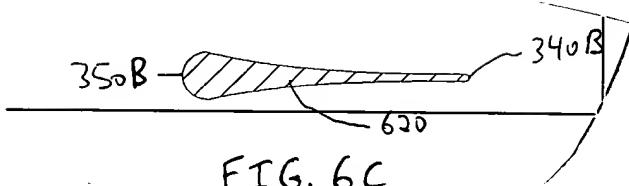


FIG. 6C

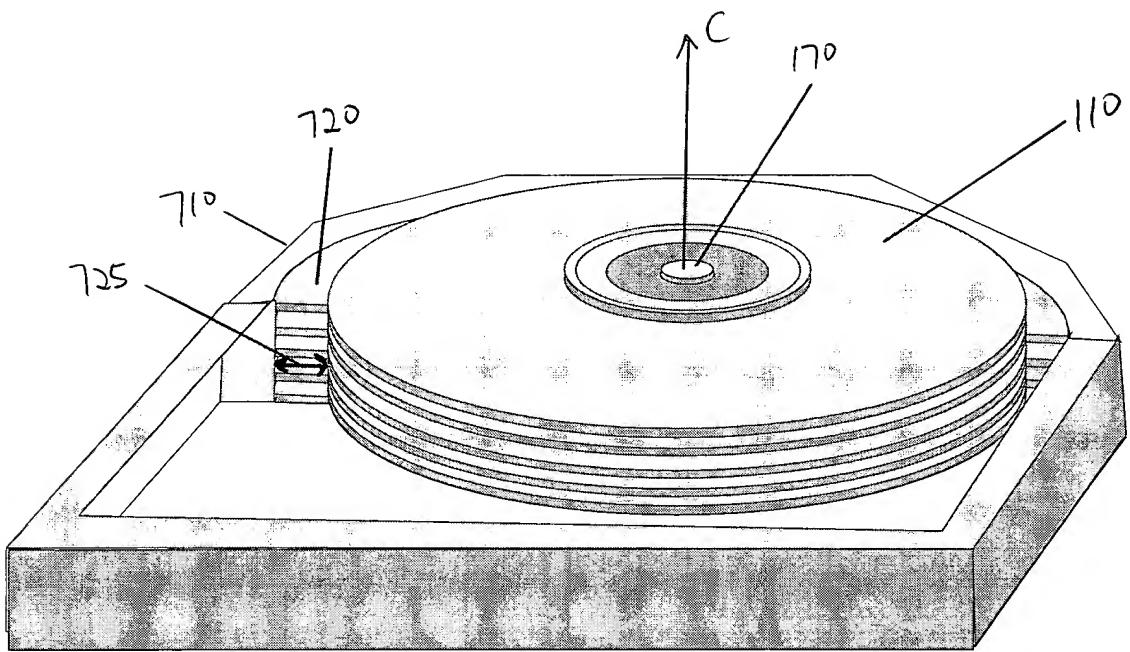


FIG. 7A

03000000000000000000000000000000

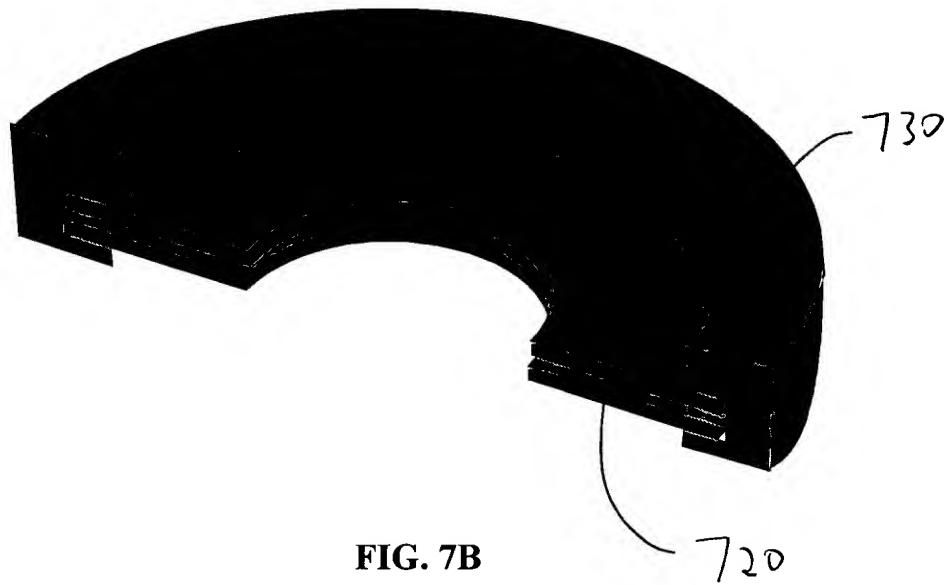


FIG. 7B

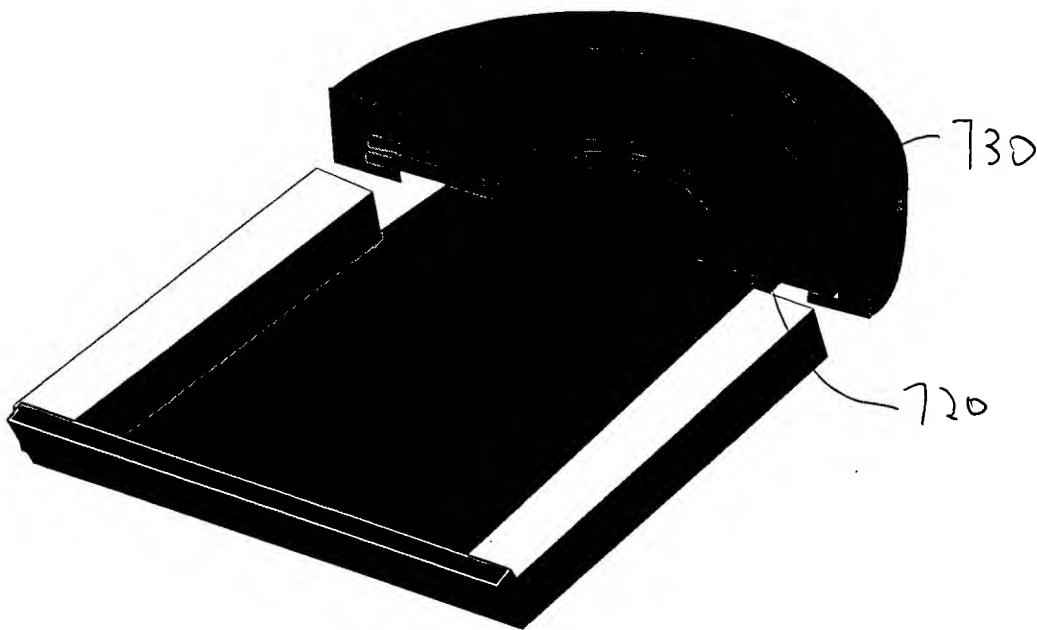


FIG. 7C

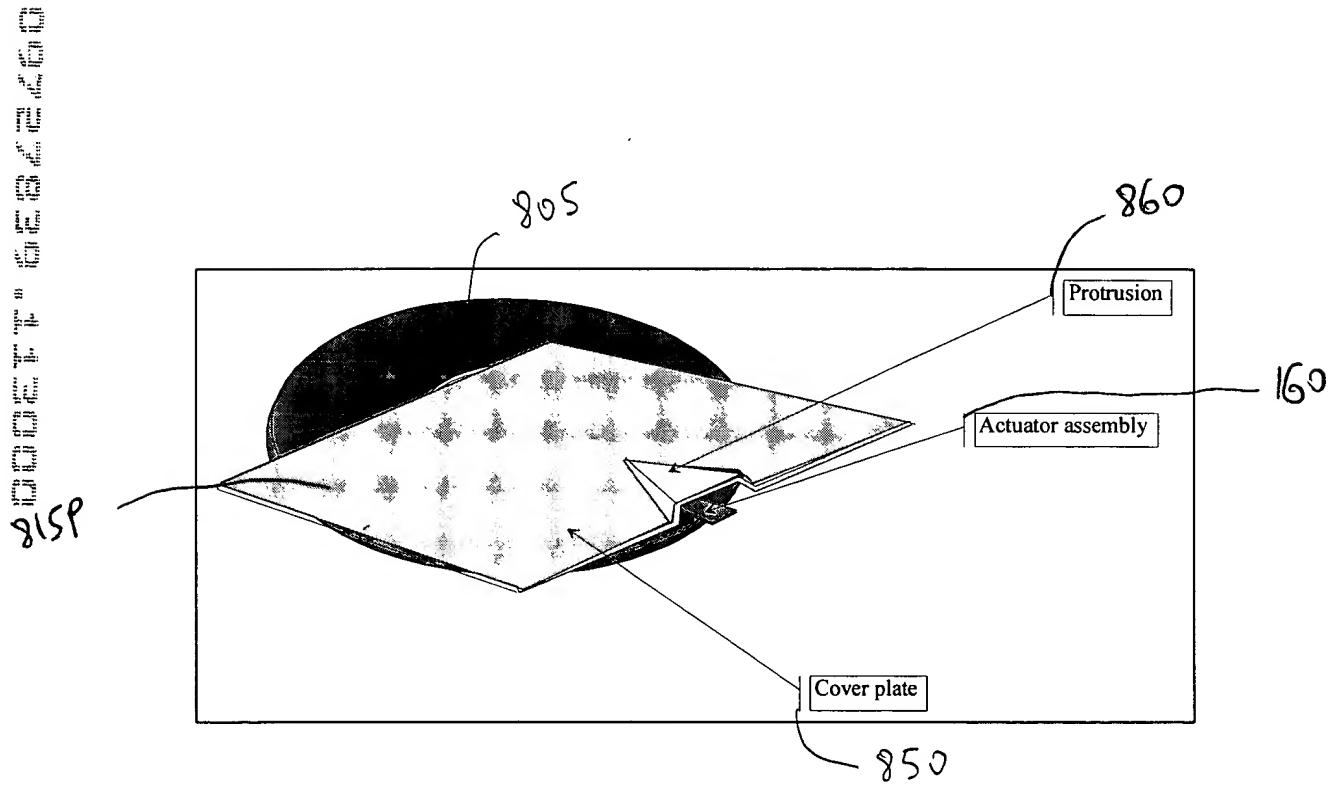
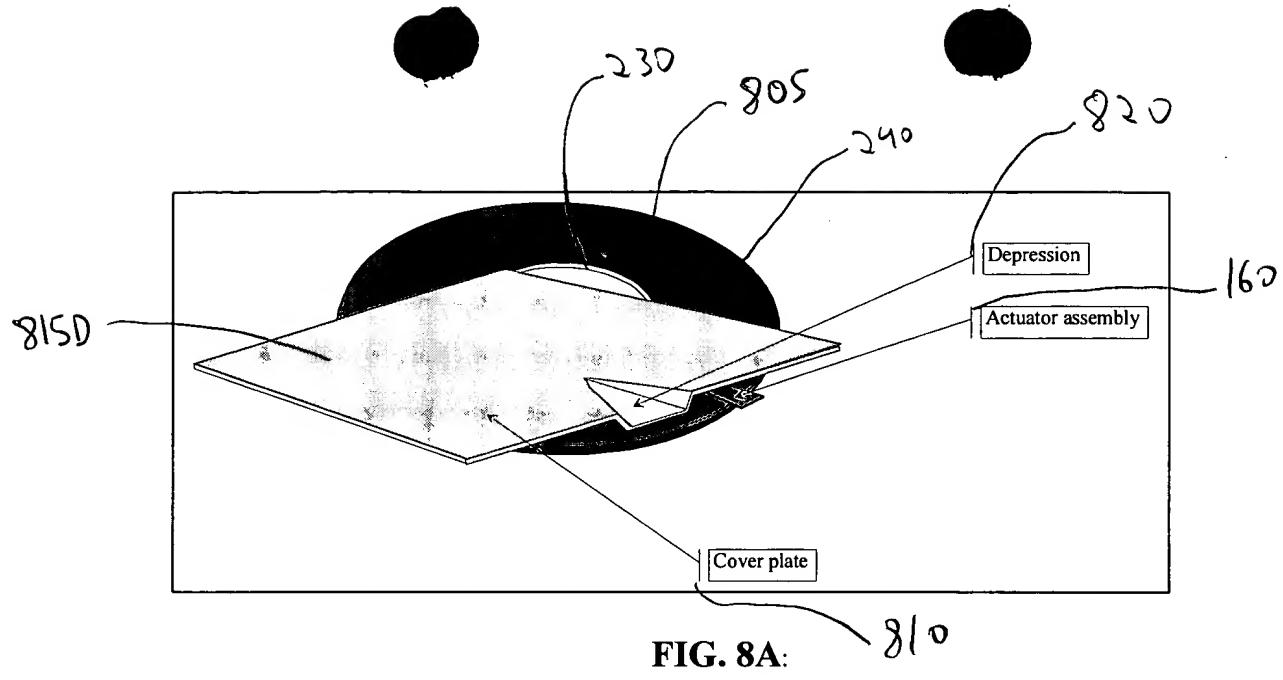


FIG. 8B

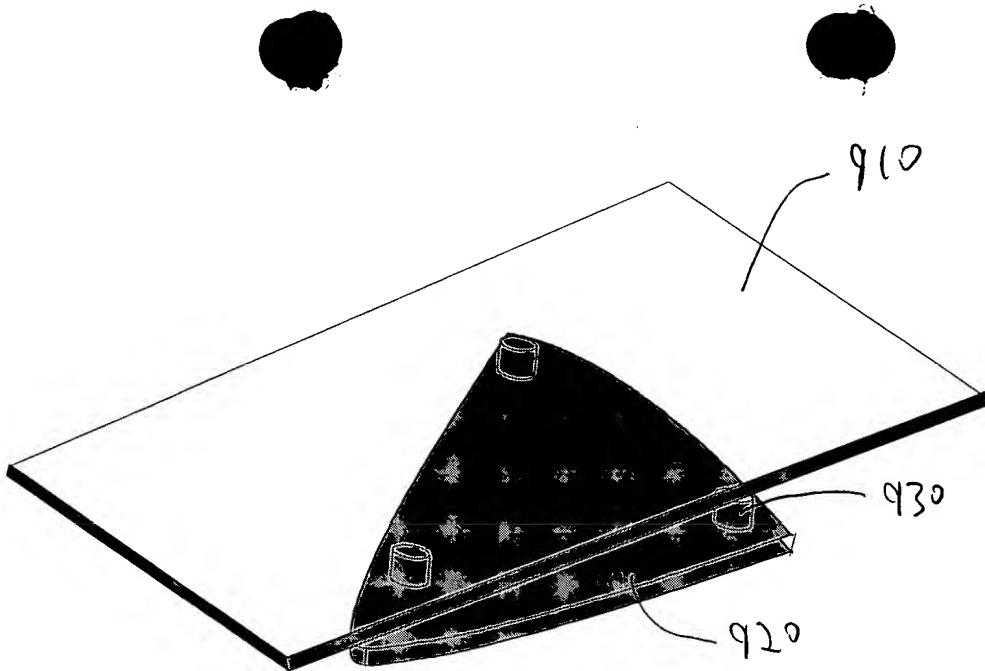


FIG. 9A

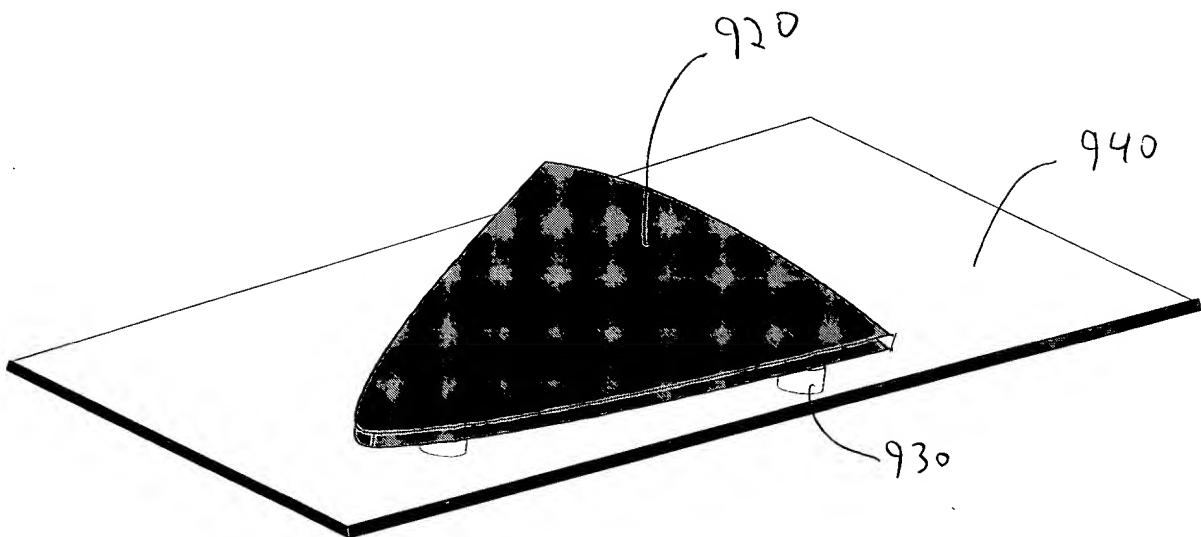


FIG. 9B